

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 05-078986

(43)Date of publication of application : 30.03.1993

(51)Int.Cl. D06N 3/00
D04H 3/10
D04H 3/14
D06C 11/00

(21)Application number : 04-028019

(71)Applicant : ASahi CHEM IND CO LTD

(22)Date of filing : 14.02.1992

(72)Inventor : IKEDA MASATAKA
ISHIKAWA TAKEO

(54) NUBUCK-TONE ARTIFICIAL LEATHER

(57)Abstract:

PURPOSE: To obtain flexible nubuck-tone artificial leather having excellent wrinkle resistance by impregnating a rubber-like elastic polymer into texture gaps of a fiber sheet containing nonwoven fabric prepared by interlacing extra fine fibers having a specific diameter by melt blow method on the surface and forming a larger amount of distributed rubber-like elastic polymer at the surface zone than at the back side.

CONSTITUTION: A fiber sheet having the surface of the fiber sheet covered with a nonwoven fabric layer prepared by mutually interlacing in a three-dimensional way plural extra fine fibers having 0.1-6 μ m average fiber diameter obtained by melt blow method is impregnated preferably with a solution of PVA sizing agent and dried in such a way that the distributed amount of the sizing agent is larger (preferably ≥ 1.5 , preferably 3.0 times) at the back side than at the surface side. The prepared sheet is impregnated with a solution of a rubber-like elastic material such as polyurethane, which is coagulated in a wet method, the distributed amount of the rubber-like elastic material at the surface zone is larger than ≥ 1.2 , preferably ≥ 1.5 the distributed amount of the rubber-like elastic material at the back zone and extremely fine napped fibers are formed to give artificial leather having handle similar to high-class natural tone or nubuck tone. This leather has excellent flexibility, wrinkle resistance and wear resistance.

LEGAL STATUS

[Date of request for examination] 14.02.1992

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 1924887

[Date of registration] 25.04.1995

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right] 06.07.2003